

Thomas Pettersen

Software Engineer

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I am a **Software Engineer** who excels in problem solving. I specialize in teamwork, collaboration, ideation, and execution of complex projects across industries. Through my experience operating a furniture importing company, I am leveraging skills in project management, sales, and operations.

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML, CSS, SQL | **Frameworks + Libraries:** React, Express.js, Django, Bootstrap

Databases: MongoDB, PostgreSQL | **Other:** Node.js, Git, Postman

PROJECTS

Full Stack Developer (Individual) | SearchCast ([GitHub](#), [Deployed - Netlify](#))

- Created a full stack app for users to track keyword podcast searches using the Spotify Web API.
- Designed a mobile-responsive frontend and intuitive user interface with React, Bootstrap, and Auth0.
- Built a backend API with Node.js and Express.js to access users' searches stored on MongoDB.

Backend Lead + Git Manager (Team of 2) | StubSaver ([GitHub](#), [Deployed - Heroku](#))

- Used Django and Python to build an app for users to save live events they've attended.
- Integrated a PostgreSQL database to store 6 related models with various data types.
- Collaborated with a developer in Europe to create the full-stack CRUD application.

Frontend Developer (Individual) | Chorderly ([GitHub](#), [Deployed - GitHub Pages](#))

- Developed a game to help users learn musical chords by ear using HTML, CSS, and vanilla JavaScript.
- Designed the game to include sound, asynchronous timing, score tracking, and multiple game modes.

EXPERIENCE

Software Engineering Fellow | General Assembly | Remote | Feb 2023 - May 2023

- Learned and applied new languages, frameworks, and computer science topics in a fast-paced program.
- Frequently worked in groups to develop teamwork skills, learn from others, and help debug code.

President and Owner | Thompson Contract | New York | Feb 2014 - Current

- Directed sales generation of over \$1,000,000 of revenue during 4 years as President, utilizing strong communication skills to present products and coordinate order fulfillment.
- Orchestrated overseas shipping of over 500 orders, leveraging time management skills.
- Develop pricing models to ensure profitable and competitive proposals for each project.
- Ascended through 4 roles in 5 years to own the company, which imports and sells European furniture.

EDUCATION

Software Engineering Immersive (420 hours) | General Assembly | May 2023

B.S. | Business Management | St. John's University | New York, Summa Cum Laude (GPA: 4.0) | May 2014